MENU   SEARCH   INDEX   DETAIL   JAPANESE

1 / 1

PATENT ABSTRACTS OF JAPAN

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(21)Application number : 08-164498   (71)Applicant : OMRON CORP

(22)Date of filing :   25.06.1996   (72)Inventor : ICHIMURA KATSUHIKO
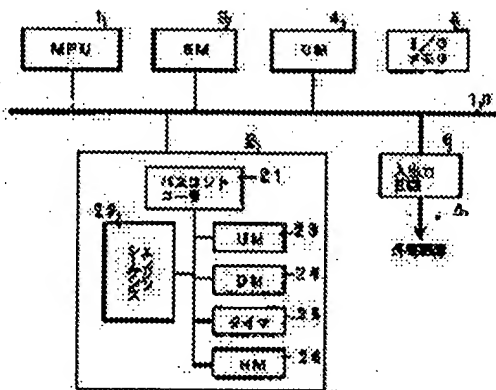   NAKADA GOJI

(54) PROGRAMMABLE CONTROLLER

(57)Abstract:

PROBLEM TO BE SOLVED: To speedily detect a software run away and speedily take measures against trouble after disconnecting a faulty system immediately.

SOLUTION: A sequence engine 22 always judges whether or not trouble occurs on a handshake basis. The sequence engine 22 if detecting trouble inhibits an MPU 1 from accessing an I/O memory 5 by using a bus controller 21. Then the sequence engine 22 judges whether or not write address is needed to stops software PLC itself and ends the process when the write access is not necessary, and further judges whether or not I/O update is needed when the write access is necessary. The sequence engine 22 when judging the I/O update is necessary updates the I/O memory 5. When it is judged that the I/O update is not necessary, on the other hand, the software PLC itself is stopped and the process is finished.

JAPANESE [JP,10-011325,A]

CLAIMS DETAILED DESCRIPTION TECHNICAL FIELD PRIOR ART EFFECT OF THE INVENTION TECHNICAL PROBLEM MEANS DESCRIPTION OF DRAWINGS DRAWINGS

[Translation done.]

* NOTICES *

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1.This document has been translated by computer. So the translation may not reflect the original precisely.
2.**** shows the word which can not be translated.
3.In the drawings, any words are not translated.

DETAILED DESCRIPTION

[Detailed Description of the Invention]
[0001]
[Field of the Invention] Especially this invention relates to the programmable controller which controls an external instrument using the personal computer which works under management of a versatile OS about a programmable controller.
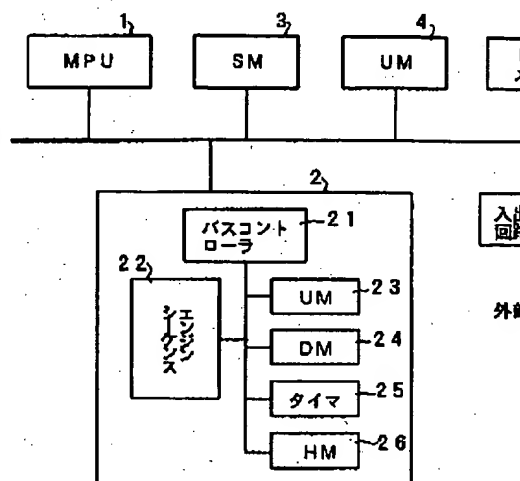[0002]
[Description of the Prior Art] Although the programmable controller of dedication is used in order to control an external instrument, the programmable controller which used the general-purpose personal computer in recent years, i.e., a software programmable controller, (henceforth Software PLC) is beginning to be used.
[0003] This software PLC controls an external instrument by the bottom of the versatile OS which is using it not only when using a personal computer with a stand-alone mold, but with the network mold, and is moreover used with the conventional personal computer (Operating System), for example, management of WINDOWS.
[0004]

Drawing selection
Representative drawing

[Translation done.]